

## **407 BITUMINOUS PRIME COAT**

### **407.01 GENERAL**

Where directed by the Engineer, a Bituminous Prime Coat of medium setting emulsified asphalt meeting the requirements of 802.04 shall be pressure sprayed at the rate of 0.2 to 0.5 gallon per square yard. Emulsions shall be diluted in the ratio of 3 parts emulsion to 1 part water by volume prior to use. Spraying equipment shall be approved in advance by the Engineer.

### **407.02 CERTIFICATION**

Each delivery from the refinery of prime coat material shall be accompanied by a copy of certified test results on the delivered material, and a statement as to type and amount of material contained in each carrier and the identification of the storage tanks from which the material is delivered, with quantities determined from a certified gallon ticket for each location of work. The copy of test results and the statement shall be presented to the Engineer upon delivery.

### **407.03 CONSTRUCTION REQUIREMENTS**

The base surface shall be cleaned of all loose aggregate prior to prime coat application. Prime coat application shall be made not less than 12 hours prior to placing asphalt base course and shall not be made when base course contains excessive moisture or is frozen. Application methods and equipment shall be approved in advance by the Engineer.

### **407.04 MEASURE AND PAYMENT**

The unit of measure for Bituminous Prime Coat will be the gallon. Payment will be made at the contract unit price per gallon complete in place, which payment will include proper cleaning of base, furnishing and applying the prime coat, and all labor, tools, materials, equipment and incidentals needed to complete specified work.